

THE TECH

VOL. XXVIII. No. 34

BOSTON, MASS., WEDNESDAY, DECEMBER 16, 1908

PRICE THREE CENTS

INTELLECTUAL AND PHYSICAL PROGRESS

President-Elect Maclaurin Hopes for Development on Broad Lines

CONVOCAATION PACKED

Huntington Hall Crowded—Great Enthusiasm Displayed by Students

Waiting with expectation to hear president-elect Maclaurin speak, a mass of impatient students crowded Huntington Hall to the limit yesterday afternoon, long before four o'clock.

A few minutes after four, the faculty appeared and took their places on the stage, and were followed shortly after by President Noyes and Prof. Maclaurin. The assemblage arose to greet them.

In introducing Prof. Maclaurin, Pres. Noyes said, "This convocation has been called for the purpose of presenting to you the man who at the end of this school year will become president of this Institute. Like William Barton Rogers, the distinguished founder of this institution, he is an eminent scientist, known throughout the world for his original work in two of the fundamental sciences (physics and mathematics) which form the basis of our courses of instruction. Like Mr. Rogers, he will enter upon his duties aided by an extended and varied educational experience; he is acquainted, both from the standpoint of student and teacher, with the systems of higher education prevailing in the leading countries of the world. With our own system, moreover, he is highly sympathetic; and like our second great president, Francis A. Walker, under whose administration underwent the greatest growth of this Institute and development occurred, he can be counted on to champion its educational ideals before the public. Like both of these men, he has, too, the broadest interests and the highest personal qualities. It is, therefore, with the greatest pleasure that I introduce to you as the man who is to lead the Institute in the great educational and physical development which its friends confidently expect it to undergo within the next few years, Prof. Richard C. Maclaurin, president-elect of the Institute."

Prof. Maclaurin arose and an outbreak of hand clapping greeted him, such as has been heard in Huntington hall on but rare occasions. After the welcome had calmed down, President-elect Maclaurin said:—

"I thank you for this warm welcome. I thank you also for the noise that I heard a few minutes ago. A few days ago I heard for the first time the Tech yell. I had heard much of its blood curdling qualities, but not until today have I heard it in its full significance. I am somewhat at an advantage in my understanding of this yell by two facts, the first that during the course of my life I have lived in various and outlandish parts of the world. I have seen the dance of the savages in New Zealand, accompanied by many noises, but these were nothing like what I heard today. The other circumstance to which I referred is that I have the honor of being a Scotchman and have been brought up with our national instrument, the bag-pipe.

"I regret that I am not properly skilled in the use of this instrument. The only time I ever had occasion to use one was during my undergraduate days in Cambridge University, England. There I was surrounded by students who were literally armed to the teeth with musical instruments. Above was a piano, on my left a flute, below a piccolo. I finally obtained a bag-pipe and reduced them all to submission."

Prof. Maclaurin then touched upon matters more closely concerning the Institute. "There are great possibilities open to you here," he said. "You

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WINTER CONCERT TOMORROW NIGHT

Annual Entertainment of Musical Clubs in New Century Building

CONCERT AND DANCE

New "Alma Mater Technology" Will be Sung—Brilliant Program Has Been Arranged

On Thursday evening of this week, will be held one of the biggest social events of the year, the annual winter concert of the musical clubs. This concert and the spring concert have been given ever since the clubs were founded, and they have always proved popular with the students at the Institute. Since the inception of the clubs in 1895 the clubs have grown very rapidly, and the two annual concerts, given every year since that time, have grown to be an important feature of the social life of the Institute. The clubs themselves are growing in popularity, more fellows trying for them every year, and they have without doubt become a great factor in the social activities of the Institute.

The clubs have already given several successful concerts this year, and the prospects of a dozen or more later in the season are bright. Members of the Institute will have a fine chance to judge for themselves the worth and merits of the different clubs next Thursday evening. The concert this year as heretofore, will be held in Potter Hall in the New Century building on Huntington Avenue, and will be followed as usual by a dance in Home Hall in the same building.

The clubs this year are much larger and better than ever before in their history, and a treat is in store for all that attend the concert. The members of the clubs have rehearsed regularly and they are in the best of trim. It is rumored that the leader of the Mandolin Club, H. J. Stiebel 1909, has a great surprise in store for the audience. The new Tech song, "Alma Mater Technology," by Clinton W. Kyle 1909, leader of the Glee Club, will without doubt make the hit of the evening. It is the last piece of the program and all the clubs take part in it. This is the first time that the men of the Institute will have a chance to hear this march-song and every one that should avail himself of this opportunity.

The matrons of the dance will be Mrs. Walter Humphreys, Mrs. C. Frank Allen, and Mrs. T. A. Jaggard, Jr. The music is to be furnished by Poole's orchestra. Tickets for the concert and dance are now on sale in the Union.

GYMNASIUM CHARTS

Measurements of Students Taking Physical Training Sent Out

All students who are taking physical training have received anthropometric charts. The charts give the measurements of the students; also the average measurements of about five thousand men from seventeen to thirty years of age so that a comparison may be made. The students were tested for general condition, heart, lungs, abdomen, thorax muscles, fatty tissue, spinal curvature, shoulders, and arch of foot. Each student is thus shown the comparative condition of different parts of the body and exercises are prescribed for individual improvement. At the end of the year measurements will again be taken and the results plotted on the charts, thus showing each student his exact physical improvement.

Upper class men may join the regular classes and it is hoped that more will join than have already done so. About three hundred men have attended the classes twice a week, and the work has been satisfactory.

A CHANCE FOR ALL ON HOOK NIGHT

Everybody Preparing Stunts Great Variety Promised

PRIZES FOR WINNERS

Historic Hook to be Used on All Who are Not Successful in Attempts

Hook night next Friday, promises to be the best yet in the line of Friday evening entertainment. A number of men have already signified their intention to take part, but the management wishes it to be understood that everyone who can perform in any way whatsoever, will be expected to take part. The more performers the more fun for everyone, but those who enjoy other people's stunts the most are those who have stunts of their own.

The custom was originated at the Institute by the class of 1910, two years ago and the first Hook Night brought out the largest crowd that ever assembled in the old Union. Among other performers the most notable were the Walker Wailers, who were the first to get the hook, the Carbon Compound Boys from the Kidder Lab, who scored the hit of the evening in a negro specialty.

The Freehand Jugglers juggled jigglets on the banjo, but got the hook and the entertainment closed with a boxing match between H. T. Billings 1910, and S. Chase 1910, which was decided to be a draw. A genuine hook was used by two of the huskiest athletes of the class to remove from the stage any performers who did not meet with the approval of the audience.

The approval or disapproval of the audience is the only criterion of success and ingenuity is most likely to meet with the popular approval. At the previous Hook Night the most successful performers were those who invented their own stunts, some of them being parodies on popular songs in dialects and character monologue skits.

The management has arranged for a large crowd and this entertainment should have a record-breaking attendance.

CORPORATION DINNER

Maclaurin Meets Members at Informal Gathering

Last night at the Union was held a dinner for the Corporation and Faculty. Pres-elect Maclaurin was welcomed by George S. Wigglesworth for the Corporation, Dean Alfred E. Burton for the faculty, and Walter D. Snow 1882, for the Alumni.

Mr. Wigglesworth said, "Dr. Maclaurin, I value highly the privilege of extending to you a most hearty and cordial welcome at the outset, the corporation has three things to guide on a good cause, genuine enthusiasm and an inspiring leader. We believe in you, we wish you God-speed, and we pledge you royal support."

Dean Burton emphasized the importance of the Institute, and advised the continuance of those connections with everybody who ever has been at the Institute.

In introducing Professor Maclaurin to the members present, Dr. Noyes said:—

This meeting is held not for the purpose of discussion, but to enable the Corporation and Faculty to make the acquaintance of Prof. Maclaurin, and for the purpose of greeting and welcoming him to the Institute. It is only for the latter purpose that a little informal speaking has been arranged for.

I shall in a few moments ask representatives of Corporation, Faculty and

(Continued on page 2.)

TECH MEN PICKED IN COMPETITION

Three Men of Architectural Department Sent Notice of Selection

PROBLEM GIVEN OUT

Three Out of Four Selected to Compete for Prix de Rome Institute Men

Yesterday afternoon three fifth year members of the Architectural Department received the following notice:—

"You have been selected as one of the four to compete in the final competition for the prize of Rome in Architecture."

The four men selected were Jones of Pennsylvania; E. J. Williams 1908, F. W. Dolke 1908, and C. F. Baker 1907.

Catalogues are being sent to the men giving all particulars of the problem and requirements for the competition.

The problem is to design a building, it being assumed that the American Academy in Rome has acquired a plot of land 500 feet square within the walls of the city, on the west slope of a hill, the difference in level assuring to the site a commanding view of the city toward the west.

The main requirements were an administration building and a studio. On the ground floor of the administration building was to be the administration offices a club room and dining room for the students, a lecture hall and an exhibition room.

On the second floor was to be a reception room and a large dining room.

On the third floor was to be bedrooms, toilets, baths and so on.

In the studio was to be a drafting room for the students, five studios for painters and five studios for sculptors.

The remainder of the grounds was to be laid out in gardens and terraces, according to the designs of the student.

There are to be five drawings made, a plan of the whole property including the first floor of the building, or buildings, a plan of the second floor, and one of the third floor, an elevation on eighth scale and one sixteenth scale.

Unmarried men, citizens of the United States, graduates of the Architectural schools from the following list, or graduates of a college of high standing who hold certificates of at least two years' study in one of the following schools, were allowed to compete:—

Harvard, Columbia, Technology, Pennsylvania, George Washington, Cornell, California, Washington University, University of Illinois, or any Americans who have received the diploma of the school of Fine Arts in Paris.

The winners of the prize are allowed for not less than three years the sum of \$1000 annually.

The finished drawings are due January 11, 1909, and the competitors have to make their drawings in loges, can see no drawing but their own, and can receive no criticism or help.

The awards were made on the preliminary sketches, which were handed in some time ago.

CALENDAR

WEDNESDAY, DEC. 16.

- 4:00 P. M.—Gym team practice.
- 4:15 P. M.—Executive Committee of Institute Committee meet.
- 4:15 P. M.—Music writers meet in Room B, Union.
- 5:00 P. M.—Glee Club rehearsals in Room A, Union.
- 7:45 P. M.—Mining Engineering Society meeting at the Union.

THURSDAY, DEC. 17.

- 1:15 P. M.—Glee Club rehearsal in Room A, Union.
- 7:45 P. M.—Musical clubs at Potter Hall.

DON'T FORGET HOOK NIGHT AT UNION

THE TECH

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Wednesday, December 16, 1908.

The Tech takes pleasure in announcing the appointment of Orville Boardman Denison 1911, to the news staff.

CORPORATION DINNER

(Continued from page 1.)

Alumni to speak on behalf of these groups of our organization. The fourth important body—the students—has already given him a tumultuous welcome.

If ours is more quiet in its expression, he will, I am sure, attribute it to the effect of years—not to any less cordiality of feeling.

Before calling on the representatives of these different groups constituting the personnel of the Institute, it seems appropriate that as acting president I should say a few words on behalf of the Institute itself, meaning thereby that group of conceptions and ideals, "in whose unseen and abstract majesty, we have bodied forth a thing to love."

As is known to you, this Institute was started 43 years ago, largely through the initiative and efforts of one man, William Barton Rogers, a great scientist and one of the greatest educators of his time, for the purpose of emphasizing the fundamental importance of the study of science, of instruction by the laboratory method and through direct personal contact, in a scheme of education which should fit for the affairs of life.

This was at a time, it is to be remembered, when the classical system of education still held individual sway, when teaching was done by lectures to large classes or upon the school-boy plan of assigning a lesson to be learned and then holding a recitation upon it.

The ideal of education at that time was, moreover, to give the culture of the gentlemen rather than the ability to serve of the man of affairs.

President Rogers' plan marked the beginning of a new epoch in education; and the example of this Institute which he founded did much to promote the rapid extension of the methods and ideals for which it stood.

There is no longer today much need of emphasizing the educational importance of scientific studies nor the educational ideal of fitting for effective service.

But there have arisen a variety of new questions relating not so much to the kind of studies to be pursued nor to the ultimate purposes of education, but rather to the system and methods by which the now generally recognized purposes can be best attained.

And in this respect the Institute, partly as the result of the ideals of its founder, but mainly in consequence of a natural development of its methods has come to represent an educational system which stands in sharp contrast to the university plan developed in many of our eastern universities and most logically and completely in the case of our nearest neighbor.

Dr. Maclaurin said:

"Gentlemen:—I come from a race that does not wear its heart on its sleeve, but I should be heartless indeed if I responded other than warmly to

such kind greetings. I know enough of the Institute to be aware of the enthusiasm of the members of the faculty, alumni, and undergraduates. I have been sincerely touched by the expression of good wishes and congratulations which I have universally received.

"I realize that the years to come are critical ones for Technology, but I do not feel worried, for the momentum of its achievements and traditions is invincible." Dr. Maclaurin is particularly in favor of the continuance of research work, and believes the Institute fortunate in possessing its present site. He believes that the reputation of the Institute is not local, but international, due to the policies of the founder.

SOCIETY OF ARTS

Talk by Dr. Louis Bell on Subject of Illumination

On Thursday evening of this week, Dec. 17, Dr. Louis Bell, the distinguished illuminating engineer of Boston, will give an exposition of modern lighting practice in Huntington Hall, Rogers Building.

Dr. Bell's subject will be "Modern Illuminants and Illumination." He will present the most advanced practice in lighting methods and apparatus covering all conditions of indoor and outdoor service from a practical and aesthetic standpoint.

His address will be freely illustrated by lantern slides apparatus and experiments. The lecture is at eight o'clock.

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INTELLECTUAL PROGRESS

(Continued from page 1.)

will learn more of permanent value during your undergraduate life than at any other time during your career, and you should take every opportunity to use these advantages. You are not here for a good time alone. In life you will have to take your part in a great harsh game and you must expect no miracle to happen in your favor.

"If you do not obtain a good, sound knowledge now you are doomed to failure in the future. Take your studies at Tech seriously. Do not be fooled by stories of men who succeeded without an education. These were only exceptional men. The men you will have to deal with will be men equally well equipped as yourself. You must at least be equal to these.

"You will enter a profession where sound knowledge is needed. This will be more urgent in the future than in the past. It has been said that God is not particular in giving to his favorite children an education, for it is believed that a man with ability will succeed in spite of all obstacles. The difference between a man who has scientific knowledge and the man who has not is well expressed in the words of an old Scotch merchant. It is the difference between the rough and tumble, kick with the heel, butt with the head, nigger fight, and the dodge and keep your wind until you see an opening to get in and hit your opponent in the solar-plexus tactics.

"You must keep your muscle hard. This means the absolute importance of taking your studies seriously. You cannot tell today what knowledge will be required ten years hence.

"But there are other things than knowledge. Some men with knowledge fail bitterly because all their natural power has been squeezed out of them in the acquirement of their knowledge. To put it pointedly they have no tact. You must not take yourselves too seriously. There are good reasons for not confining yourself too much to scientific studies. The best and most effective way of learning tact is by mingling with your fellow students. Here you have all the elements of a useful social life. You have all the elements of a cosmopolitan life. Technology has a world wide reputation and men come here from all over the globe. Failure punishes not quite so severely here as in later life. You come here at the most critical periods of your life.

"I should like to see better physical conditions too. I should like to see more chance for manly sports to brace you physically and morally. What we need is a new site where conditions will not be so crowded, where there will be a chance to develop morally, mentally and physically. It should be our policy not only to turn out skilled engineers, but to teach men to be big hearted, sympathetic and broad principled. I trust I will not acquire the reputation of following an acting president by a talking one. No educational degree fulfills its final purposes unless it has trained its men to faithfully carry out all duties put upon them, unless it has taught implicit loyalty to every institution, public or private, with which men is connected. This institution has acquired a great reputation for loyalty. I should like to have every student take a share in this loyalty by asking you to improve in every possible way the conditions in social life and other matters pertaining to student welfare."

After the applause had died away President Noyes announced that the convocation was at an end, and requested that the house remain seated while the faculty filed out. J. R. Critchett 1909, led cheers while this operation was being performed.

Just preceding the convocation a picture was taken of Prof. MacLaurin, the faculty of the Institute and a portion of the student body on Rogers steps.

Before President Noyes and Prof. MacLaurin appeared, Pres. J. R. Critchett, of the Institute Committee, read a set of resolutions thanking all those who have lent their aid in the establishment of the new Union. These resolutions were approved by the student body and are identical with those published in the last edition of The Tech, under the president's report.

A meeting of the Catholic Club was held last evening in 16 Rogers. Dr. Goldstein spoke on Socialism, impressing upon his audience the incompatibility of the socialistic principles and Catholic beliefs.

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The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

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NOTICES

To the presidents and members of classes 1909, 1910, 1911, 1912. Let us not forget "Charlie" at the Cage this Christmas, for serving us so faithfully. One Interested.

TECH SHOW—Music writers will meet today in Room B, the Union, at 4:15 P. M.

R. F. Goodwin, Jr., Stage Manager.

1910—Class dinner has been postponed. Notice of date will be announced later.

GYM TEAM—Practice at 4 P. M., Wednesday! Don't miss a single practice. You will need all the form you can get for the exhibition next month.

MUSICAL CLUBS—Every member of the clubs must be at Potter Hall, Thursday evening at 7:45 P. M.

GLEE CLUB—Rehearsal in Room A, Union, at 5 P. M., Wednesday and at 1:15 P. M. Thursday. Important.

THE EXECUTIVE COMMITTEE of the Institute Committee will meet Wednesday afternoon at 4:15 P. M. Suggestions from undergraduates and from organizations will be received at the Cage, Box 51, until 4 P. M., and all communications will receive due consideration and careful investigation.

Mr. George of the Talk Photo Co., will be at the Union to accept orders for the photographs taken before the convocation yesterday. This photograph is one of the finest ever taken of the student body and faculty, also the late and new presidents, making one of the finest souvenirs of college days that could be purchased. Special price to students \$1.

1911 BASEBALL—Candidates for the management of the 1911 baseball team leave names at Cage before Saturday noon.

MINING ENGINEERING SOCIETY—Meeting at the Union at 7:45 P. M., today.

FACULTY NOTICES

MATHEMATICS 30—Students from other colleges who attended my special Tuesday afternoon lectures near the beginning of the term are invited to meet me again on Tuesday, Dec. 22 at 4 P. M.

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ABIDES BY DECISION

1911 to Support Institute Committee in all Rulings

1911 will not smoke class pipes until next year.

At a well-attended class meeting Monday the vote was unanimous to abide by the consequences of losing Field Day as those consequences had been generally understood. There was a good deal of discussion on the question as many fellows felt that no custom had actually been started and that there was accordingly, no good reason for giving up their pipes. The vote was unanimous, for all present felt either that the custom already existed or else that it was a good one to establish.

This is the second tradition to be founded by 1911, the first being the abolition of the night before Field Day.

In regard to the recent communication in The Tech assailing the right of the Institute Committee to exist, the class took decisive action by voting that the Institute Committee should pass upon any questions pertaining to the four undergraduate classes and the sophomore class should recognize and abide by all such decisions in-so-far as they did not interfere with the class constitution.

Pres. Salisbury commented on the small vote in the recent election and asked the members present to try to get as many 1911 men as possible to pay their dues and sign the constitution. Out of 84 men it will be difficult to elect a Prom committee and Technique board, owing to the point system.

CLASSIFIED ADS

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LOST—Set of drawing instruments. Please send information to R. O. Wood,

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